

Page 5, line 17, please delete "In the drawings:" and insert

--Brief Description of the Drawings--.

Page 5, after line 21 please insert

--Detailed Description of Various Embodiments--.

IN THE CLAIMS

Please amend claims 1-8 as follows:

1. (Amended) A wide-mesh textile grating for [reinforcement purposes in civil engineering, in particular for reinforcing ground layers] for reinforcing layers, comprising:

a plurality of individual threads of high-strength synthetic yarns forming weft thread groups [(2)] and warp thread groups, [(1) which] wherein said weft and warp thread groups are connected together [preferably by weaving or knitting] and [which] wherein said weft and warp thread groups are each at a spacing of at least 8 mm relative to the respectively adjacent parallel thread group to provide for penetration of the grating by the layers, [(1, 2)] and [the individual threads (3, 3') of which are formed by high-strength yarns], wherein the warp thread groups [(1)] and the weft thread groups [(2)] [of the textile grating] are covered by a polymer coating [(5)], characterised in that the polymer coating [(5)] contains regularly distributed gas inclusions so that the polymer coating [(5)] is of a foam[-like] structure.

2. (Amended) A textile grating according to claim 1 characterised in that the individual threads [(3, 3')] of the warp thread group [(1)] and the weft thread group [(2)] comprise multifilament yarns which are impregnated by the foam[-like] polymer coating [(5)].

3. (Amended) A textile grating according to claim 1 [or claim 2] characterised in that the polymer coating [(5)] comprises PVC.

4. (Amended) A textile grating according to [one of the preceding claims] claim 1 characterised in that the gas inclusions are of a diameter of less than 1 mm[, preferably less than 0.3 mm].

5. (Amended) A method of producing a textile grating for reinforcing layers in which high-strength warp threads [(3)] and weft threads [(3')] are connected together [in particular by a weaving or knitting procedure] in such a way that they are respectively combined together to form warp thread groups [(1)] and weft thread groups [(2)] which are each at a spacing of at least 8 mm with respect to the respectively adjacent parallel thread group to provide for penetration of the grating by the layers [(1, 2)], and wherein the thread groups [(1, 2)] are then wetted with a material which is capable of flow and which contains a polymer-forming substance and said warp and weft thread groups are covered with a coating [(5)] by virtue of setting of the polymer, characterised in that added to the material which is capable of flow is a propellant which produces gas inclusions during setting of the polymer.

6. (Amended) A method according to claim 5 characterised in that the material which is capable of flow is a pasty mixture [comprises] comprising PVC mixed with a plasticiser and that the textile grating is heated to a high temperature[, preferably about 200°C,] for gelling the polymer coating of PVC.

7. (Amended) A method according to claim 5 characterised in that the material which is capable of flow is formed by a polymer dispersion, [for example a latex, polyacrylic or polyurethane dispersion,] and that the textile grating is heated to a high temperature above 100°C for evaporation of the water contained in the dispersion and for polymerisation.

8. (Amended) A method according to [one of claims] claim 5 [to 8] characterised by the use of a propellant which liberates gas bubbles at a high temperature of over 100°C.

Please add the following new claims 9-23:

A)
9. A textile grating according to claim 2 characterized in that the polymer coating comprises PVC.

10. A textile grating according to claim 9 characterized in that the gas inclusions are of a diameter of less than 1 mm.

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11. A textile grating according to claim 1 characterized in that the gas inclusions are of a diameter of less than 0.3 mm.

12. A textile grating according to claim 9 characterized in that the gas inclusions are of a diameter of less than 0.3 mm.

Plants
13. A method of producing a textile grating according to claim 5, wherein said warp threads and said weft threads are connected together by a weaving or knitting procedure.

14. A method of producing a textile grating according to claim 6, wherein the textile grating is heated to 200°C.

15. A method of producing a textile grating according to claim 7, wherein the polymer dispersion is a latex dispersion, a polyacrylic dispersion, or a polyurethane dispersion.

16. A method according to claim 6 characterized by the use of a propellant which liberates gas bubbles at a high temperature of over 100°C.

17. A method according to claim 7 characterized by the use of a propellant which liberates gas bubbles at a high temperature of over 100°C.

18. A method according to claim 14 characterized by the use of a propellant which liberates gas bubbles at a high temperature of over 100°C.

19. A method according to claim 15 characterized by the use of a propellant which liberates gas bubbles at a high temperature of over 100°C.

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20. A method of reinforcing layers, comprising:

providing a textile grating having a plurality of individual threads of high-strength synthetic yarns forming weft thread groups connected to warp thread groups, wherein said weft and warp thread groups are each at a spacing of at least 8 mm relative to the respectively adjacent parallel thread group, and, wherein the warp thread groups and the weft thread groups are covered by a polymer coating, containing regularly distributed gas inclusions so that the polymer coating is of a foam structure;

installing a textile grating on a first layer; and

covering the textile grating with a second layer.

21. A method according to claim 20, wherein at least one of the layers is a ground layer.

22. A method according to claim 20, wherein the layers penetrate the spacing between the warp and weft thread groups and deform the textile grating to frictionally interlock the layers with the textile grating.